

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Mercuric Chloride 99.5 % AR

Catalog Number : O-5121

Batch Number : 5121-00000000

CAS Number : 7487-94-7

Molecular Weight : 271.50 g/mol

Mol. Formula : HgCl₂

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White crystalline powder or white powder	White crystalline powder
2	Assay (complexometric; on anhydrous basis)	99.5 - 100.5 %	99.78%
3	Identity	passes test	passes
4	Appearance of solution	passes test	passes
5	Solution in Ether	passes test	passes
6	Acidity or alkalinity	passes test	passes
7	Mercury (I) Chloride (HgCl ₂)	passes test	passes
8	Iron (Fe)	max 0.002 %	0.00041%
9	Residu after reduction with formic acid	max 0.02 %	0.006%
10	Loss on drying (24 hrs.in vacuum)	max 1.0 %	0.32%

Corresponds to AR / ACS Grade, Confirms to Reag.ph Eur

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC